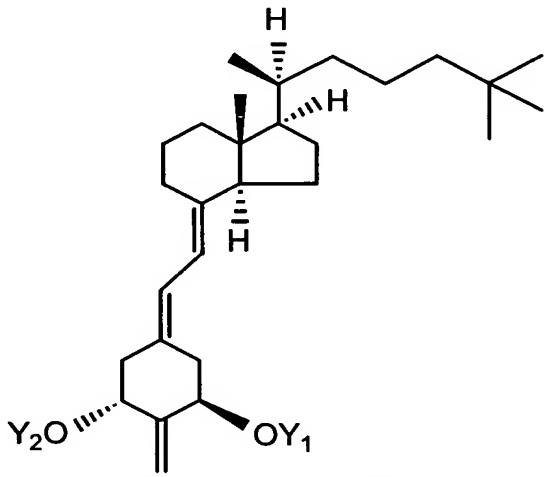
Listing of Claims:

There are no amendments to the claims made herein.

1. (Original) A compound having the formula:



where Y_1 and Y_2, which may be the same or different, are each selected from the group consisting of hydrogen and a hydroxy-protecting group.

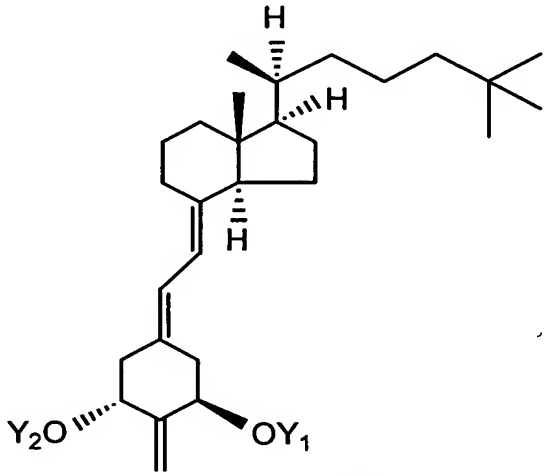
2. (Original) 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol.

3. (Original) A pharmaceutical composition containing at least one compound as claimed in claim 1 together with a pharmaceutically acceptable excipient.

4. (Original) The pharmaceutical composition of claim 3 containing 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol in an amount from about 0.01μg to about 100μg.

5. (Original) The pharmaceutical composition of claim 3 containing 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol in an amount from about 0.1μg to about 50μg.

6. (Original) A method of treating metabolic bone disease where it is desired to maintain or increase bone mass comprising administering to a patient with said disease an effective amount of a compound having the formula:



where Y_1 and Y_2, which may be the same or different, are each selected from the group consisting of hydrogen and a hydroxy-protecting group.

7. (Original) The method of claim 6 where the disease is senile osteoporosis.

8. (Original) The method of claim 6 where the disease is postmenopausal osteoporosis.

9. (Original) The method of claim 6 where the disease is steroid-induced osteoporosis.

10. (Original) The method of claim 6 where the disease is low bone turnover osteoporosis.

11. (Original) The method of claim 6 where the disease is osteomalacia.

12. (Original) The method of claim 6 where the disease is renal osteodystrophy.

13. (Original) The method of claim 6 wherein the compound is administered orally.

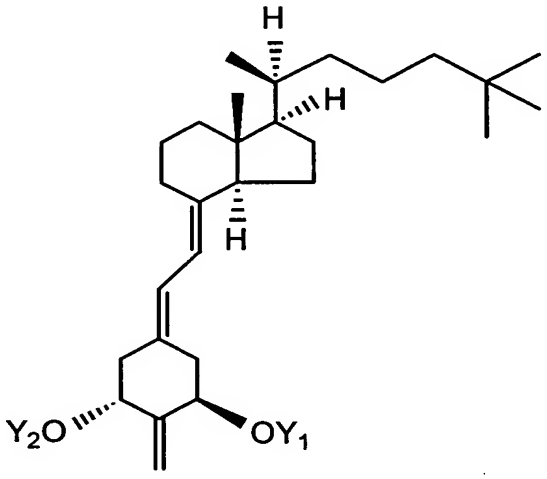
14. (Original) The method of claim 6 wherein the compound is administered parenterally.

15. (Original) The method of claim 6 wherein the compound is administered transdermally.

16. (Original) The method of claim 6 wherein the compound is administered in a dosage of from 0.01μg to 100μg per day.

17. (Original) The method of claim 6 wherein the compound is 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol.

18. (Original) A method of treating psoriasis comprising administering to a patient with said disease an effective amount of a compound having the formula:

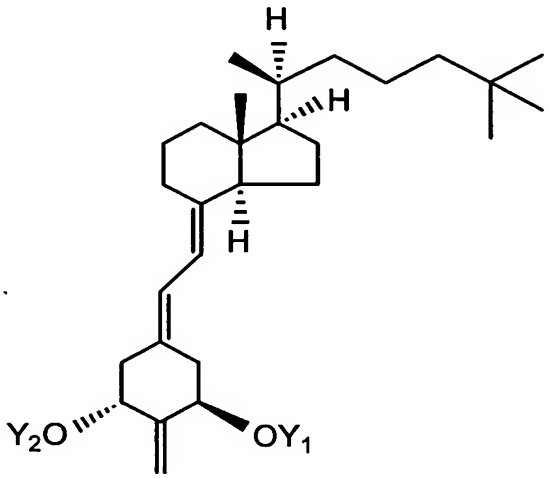


where Y_1 and Y_2, which may be the same or different, are each selected from the group consisting of hydrogen and a hydroxy-protecting group.

19. (Original) The method of claim 18 wherein the compound is 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol.

20. (Original) The method of claim 18 wherein said effective amount comprises about 0.01μg/day to about 100μg/day of said compound.

21. (Original) A method of treating a cancerous disease comprising administering to a patient with said disease an effective amount of a compound having the formula:



where Y_1 and Y_2, which may be the same or different, are each selected from the group consisting of hydrogen and a hydroxy-protecting group.

22. (Original) The method of claim 21 where the disease is leukemia.

23. (Original) The method of claim 21 where the disease is colon cancer.

24. (Original) The method of claim 21 where the disease is breast cancer.

25. (Original) The method of claim 21 where the disease is prostate cancer.

26. (Original) The method of claim 21 wherein the compound is administered orally.

27. (Original) The method of claim 21 wherein the compound is administered parenterally.

28. (Original) The method of claim 21 wherein the compound is administered transdermally.

29. (Original) The method of claim 21 wherein the compound is 2-methylene-19-nor-20(S)-25-methyl-1α-hydroxycalciferol.

30. (Original) The method of claim 21 wherein the compound is administered in a dosage of from 0.01μg to 100μg per day.

31. (Original) (20S)-de-A,B-25-methylcholestan-8-one having the formula: